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**Serial Number:** 10/633,392

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## Inventor Information for 10/633392

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US 20060020295 A1	US-PGPUB	20060126	25	Method and apparatus for monitoring heart failure patients with cardiopulmonary comorbidities	607/17	600/513	Brockway; Marina et al.
US 20060020294 A1	US-PGPUB	20060126		Method and apparatus for optimization of cardiac resynchronization therapy using heart sounds	607/17	600/513; 600/528	Brockway; Marina et al.
US 20060010090 A1	US-PGPUB	20060112		Expert system for patient medical information analysis	706/46	600/300	Brockway; Marina et al.
US 20060009812 A1	US-PGPUB	20060112		Maximum pacing rate limiter implemented using the evoked response - T-wave interval	607/27	607/17	Daum; Douglas R. et al.
US 20050149136 A1	US-PGPUB	20050707		Third heart sound activity index for heart failure monitoring	607/17		Siejko, Krzysztof Z. et al.
US 20050148896 A1	US-PGPUB	20050707		Method and apparatus for third heart sound detection	600/528		Siejko, Krzysztof Z. et al.
US 20050090719 A1	US-PGPUB	20050428		System and method for monitoring autonomic balance and physical activity	600/300	128/899; 128/904; 600/509; 600/529; 600/547	Scheiner, Avram et al.
US 20050049510 A1	US-PGPUB	20050303		Method and apparatus for catheterization by detecting signals indicating proximity to anatomical features	600/483		Haldeman, Paul Craig et al.
US 20050010257 A1	US-PGPUB	20050113		Classifying tachyarrhythmia using time interval	607/14	600/518	Lincoln, William C. et al.

				between ventricular depolarization and mitral valve closure				
US 20040230241 A1	US-PGPUB	20041118		Statistical method for assessing autonomic balance	607/25			Carlson, Gerrard M. et al.
US 20040193066 A1	US-PGPUB	20040930		Cardiac rhythm management system using time-domain heart rate variability indicia	600/509	607/17		Carlson, Gerrard M. et al.
US 20040158295 A1	US-PGPUB	20040812		Method for exclusion of ectopic events from heart rate variability metrics	607/25			Dyjach, John A. et al.
US 20040133247 A1	US-PGPUB	20040708		Method for ischemia detection by implantable cardiac device	607/17			Stahmann, Jeffrey E. et al.
US 20040127792 A1	US-PGPUB	20040701		Method and apparatus for monitoring of diastolic hemodynamics	600/439			Siejko, Krzysztof Z. et al.
US 20040106961 A1	US-PGPUB	20040603		Method and apparatus for phonocardiographic image acquisition and presentation	607/17			Siejko, Krzysztof Z. et al.
US 20040106960 A1	US-PGPUB	20040603		Phonocardiographic image-based atrioventricular delay optimization	607/17			Siejko, Krzysztof Z. et al.
US 20040024423 A1	US-PGPUB	20040205		Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure	607/17			Lincoln, William C. et al.
US 20030208240 A1	US-PGPUB	20031106		Method and apparatus for detecting acoustic oscillations in	607/17			Pastore, Joseph M. et al.

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US 20030199937 A1	US-PGPUB	20031023		Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	607/25	600/515	Carlson, Gerrard M. et al.
US 20030176896 A1	US-PGPUB	20030918		Cardiac rhythm management system and method using time between mitral valve closure and aortic ejection	607/18		Lincoln, William C. et al.
US 20030163184 A1	US-PGPUB	20030828		Single pass lead system	607/122		Scheiner, Avram et al.
US 20030135243 A1	US-PGPUB	20030717		Maximum pacing rate limiter implemented using the evoked response -T- wave interval	607/25		Daum, Douglas R. et al.
US 20030078624 A1	US-PGPUB	20030424		Maximum atrial tracking rate for cardiac rhythm management system	607/9		Carlson, Gerrard M. et al.
US 20020173826 A1	US-PGPUB	20021121		Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure	607/9		Lincoln, William C. et al.
US 20020128564 A1	US-PGPUB	20020912		Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	600/509		Carlson, Gerrard M. et al.
US 20020128563 A1	US-PGPUB	20020912		Cardiac rhythm management system using time-	600/509		Carlson, Gerrard M. et al.

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US 20020120306 A1	US-PGPUB	20020829		Cardiac rhythm management device with triggered diagnostic mode	607/25			Zhu, Qingsheng et al.
US 20010037069 A1	US-PGPUB	20011101		Heart rate variability as an indicator of exercise capacity	600/510			Carlson, Gerrard M. et al.
US 7062323 B2	USPAT	20060613		Maximum atrial tracking rate for cardiac rhythm management system	607/9	600/528; 607/14		Carlson, Gerrard M. et al.
US 7062314 B2	USPAT	20060613		Cardiac rhythm management device with triggered diagnostic mode	600/515			Zhu, Qingsheng et al.
US 6963778 B2	USPAT	20051108		Maximum pacing rate limiter implemented using the evoked response-T-wave interval	607/25			Daum, Douglas R. et al.
US 6963777 B2	USPAT	20051108		Cardiac rhythm management system and method using time between mitral valve closure and aortic ejection	607/18			Lincoln, William C. et al.
US 6748272 B2	USPAT	20040608		Atrial interval based heart rate variability diagnostic for cardiac rhythm management system	607/14	600/508; 600/515; 607/9		Carlson, Gerrard M. et al.
US 6718197 B1	USPAT	20040406		LV ectopic density trending	600/515	607/32		Carlson, Gerrard M. et al.
US 6678547 B2	USPAT	20040113		Cardiac rhythm management system using time-domain heart rate variability indicia	600/515	607/14		Carlson, Gerrard M. et al.

US 6665564 B2	USPAT	20031216		Cardiac rhythm management system selecting A-V delay based on interval between atrial depolarization and mitral valve closure	607/17	607/9	Lincoln; William C. et al.
US 6650940 B1	USPAT	20031118		Accelerometer-based heart sound detection for autocapture	607/28	600/528	Zhu; Qingsheng et al.
US 6529772 B2	USPAT	20030304		Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 6505082 B1	USPAT	20030107		Single pass lead system	607/123		Scheiner; Avram et al.
US 6366811 B1	USPAT	20020402		Extraction of hemodynamic pulse pressure from fluid and myocardial accelerations	607/27	600/485; 600/513; 600/526; 607/17; 607/23	Carlson; Gerrard M.
US 6301499 B1	USPAT	20011009		Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 6212434 B1	USPAT	20010403		Single pass lead system	607/123		Scheiner; Avram et al.
US 6119043 A	USPAT	20000912		Atrial and ventricular cardiac lead having a mechanical bias	607/123		Hsu; William et al.
US 6026324 A	USPAT	20000215		Extraction of hemodynamic pulse pressure from fluid and myocardial accelerations	607/27	600/513; 607/9	Carlson; Gerrard M.
US 6026320 A	USPAT	20000215		Heart rate variability as an indicator of exercise capacity	600/510	600/521; 607/25	Carlson; Gerrard M. et al.
US 5885221 A	USPAT	19990323		Discrimination of atrial and	600/515	607/5	Hsu; William et

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US 5792195 A	USPAT	19980811		Acceleration sensed safe upper rate envelope for calculating the hemodynamic upper rate limit for a rate adaptive cardiac rhythm management device	607/17	607/18; 607/19		Carlson; Gerrard M. et al.
US 5776072 A	USPAT	19980707	16	Discrimination of atrial and ventricular signals from a single cardiac lead	600/518	600/521		Hsu; William et al.
US 5674256 A	USPAT	19971007		Cardiac pre-ejection period detection	607/17			Carlson; Gerrard M.
US 5603331 A	USPAT	19970218		Data logging system for implantable cardiac device	600/508	607/25		Heemels; Jan P. et al.
US 5052399 A	USPAT	19911001		Holter function data encoder for implantable device	600/516			Olive; Arthur L. et al.
US 4953145 A	USPAT	19900828		Active phase quieting target highlight detector	367/138	367/12; 367/135; 367/901		Carlson; Gerrard M.